

Booster Power Supply

Product Specs & Applications





Why Buy This BPS?



- **Competitive**
- **Single Source**
- **Compatibility**
- **Signature Interfaces**

Booster Power Supply



- 6.5 or 10A
- 4 Class 'B' or 2 Class 'A'
- 3 signal rates + (x)
- 2 sense circuits
- I/O correlations
- 120 & 230Vac
- Status LEDs



6.5 or 10A Total @ 4 Outputs



- **Max Single NAC output 3A @ 24Vdc**
- **6.5A averages 1.6A**
 - 300' on #14
 - 10 devices @ 145ma
- **10A averages 2.5A**
 - 146' on #14
 - 17 devices @ 145ma
- **Handles inrush current**

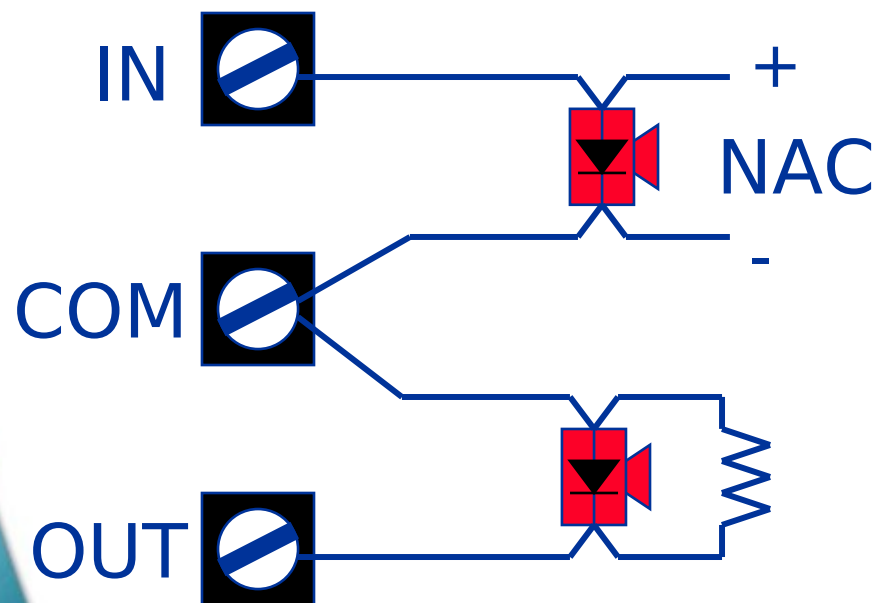


Signal Rates

- Continuous
- 3-3-3 Temporal
- 120 PPM
- Code Follower



2 Input Sense Circuits



- **Voltage Ratings**
 - **10 to 45 Vdc**
Filtered
 - **14 to 32 Vdc**
FWR
- **Current Ratings**
 - **6 mA @ 24Vdc**
 - **3 mA @ 12Vdc**
 - **12 mA @ 45Vdc**



I/O Correlations, Class 'B'

Sense #1	Sense #2
1	2, 3, 4
1, 2	3, 4
1, 2, 3	4
All	All

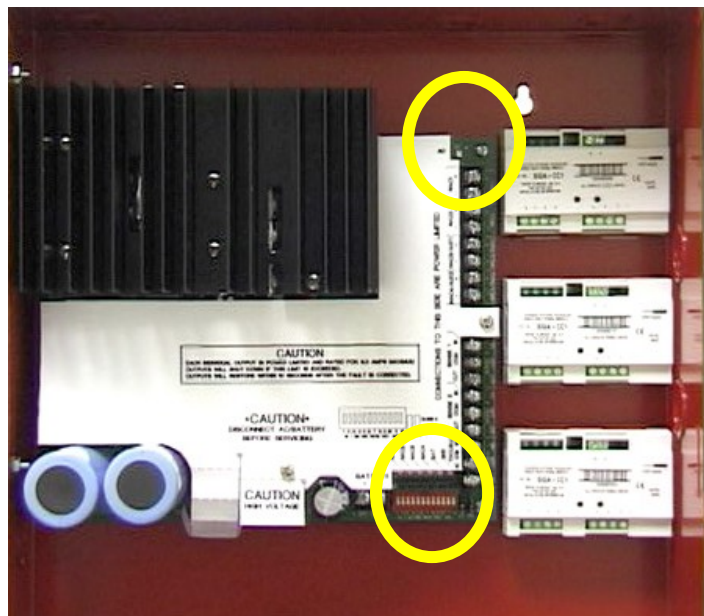
Class 'B'
Outputs



I/O Correlations, Class 'A'

Sense #1	Sense #2	Class 'A' Outputs
1/2	3/4	
All	All	

Status LEDs



- **AC Power On**
- **Trouble**
 - **Each NAC**
 - **Battery Supervision**
 - **Ground Fault**
- **Form 'C' Trouble**

Configurations

ON



Dip Switch

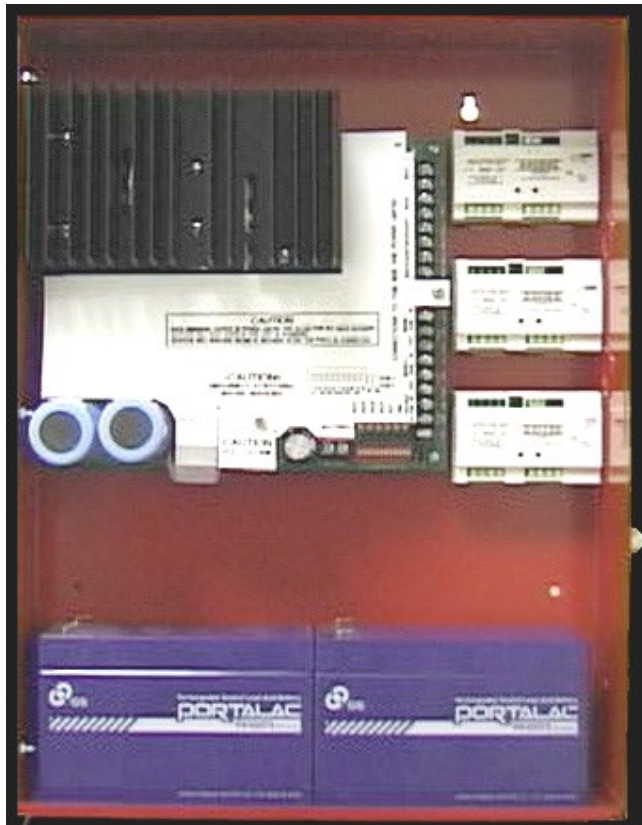
- **Sense Input (1-4)**
- **Class (5)**
- **Rate (6-8)**
- **AC trouble (9)**
- **Auxiliary (10-12)**

Auxiliary Power Configuration



- NAC 3 as Aux
- NAC 4 as Aux
- Aux power on or off after a power fail
- Aux shutdown delay of 30s if

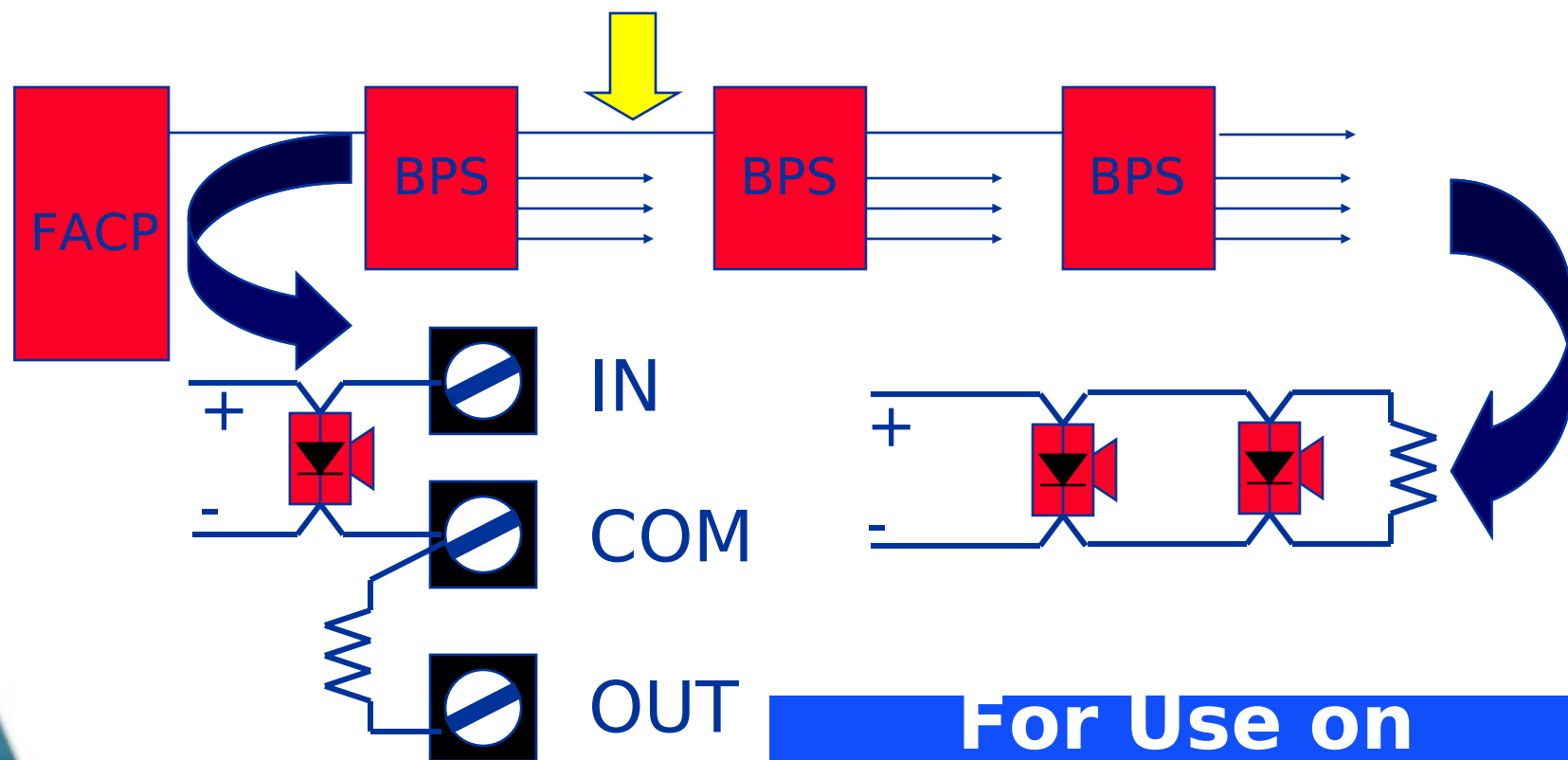
Mechanical



- 13w x 17h x 3.5d
- KOs 3/4"
- Keyholes centered at 7"
- Space and **Mounting Brackets** for 3 CC1s
- 6.5 or 10AH Battery

Application: Chaining Boosters

Single Point of Failure

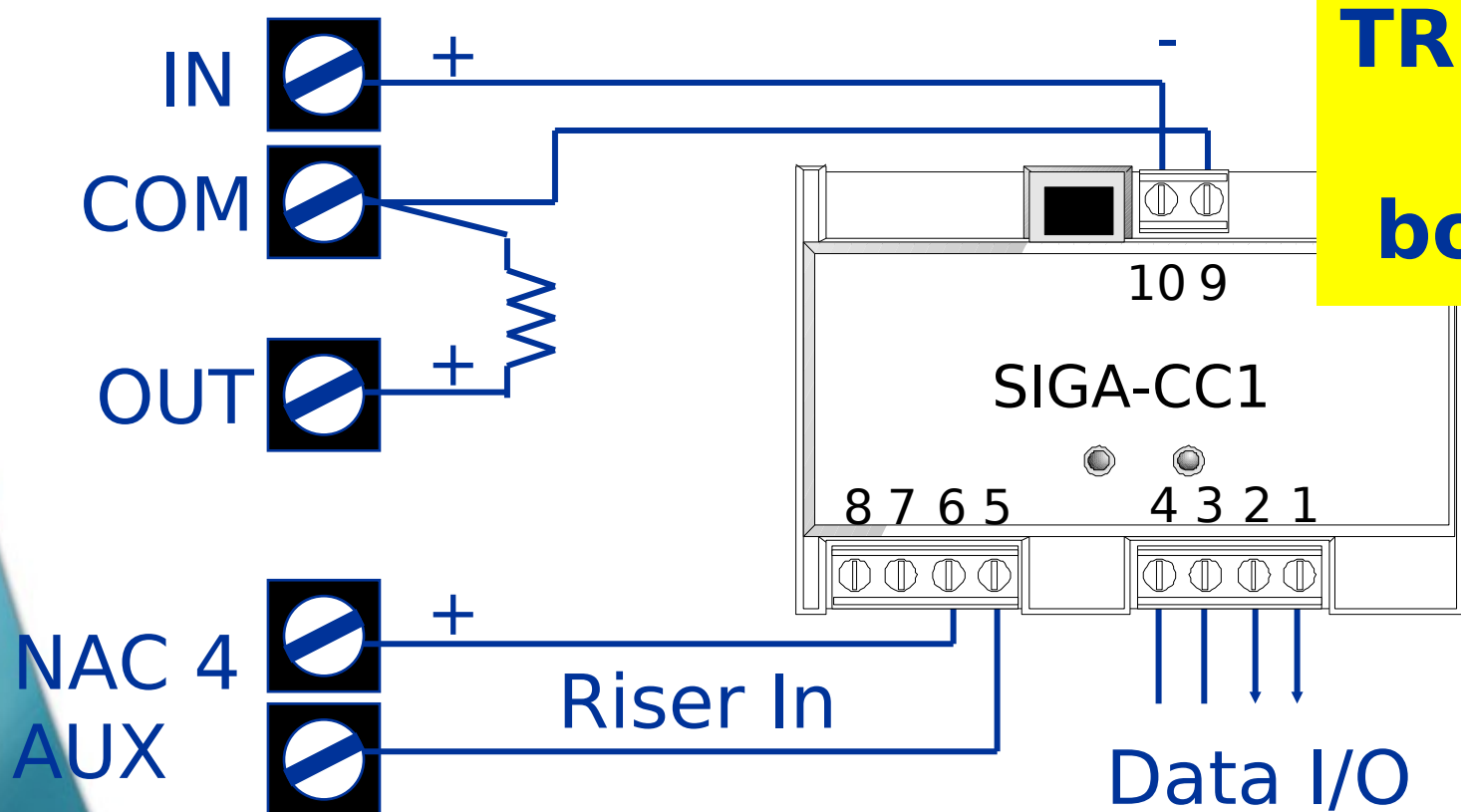


**For Use on
Retrofits**



Application: CC1 Unit Control

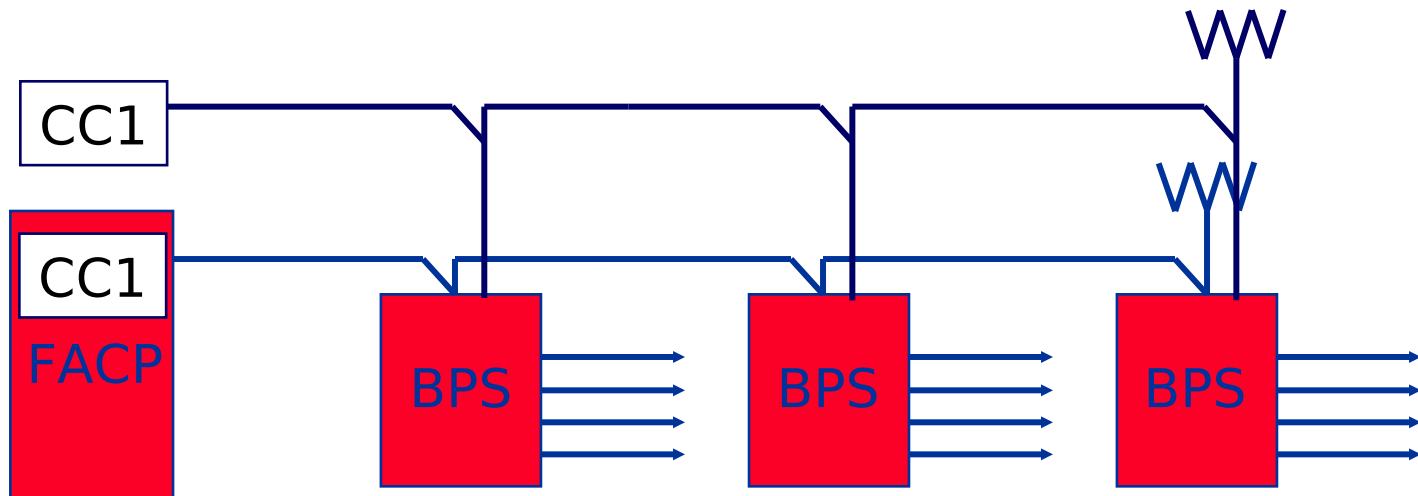
The Favorite Interface



**TRB back
by
booster**

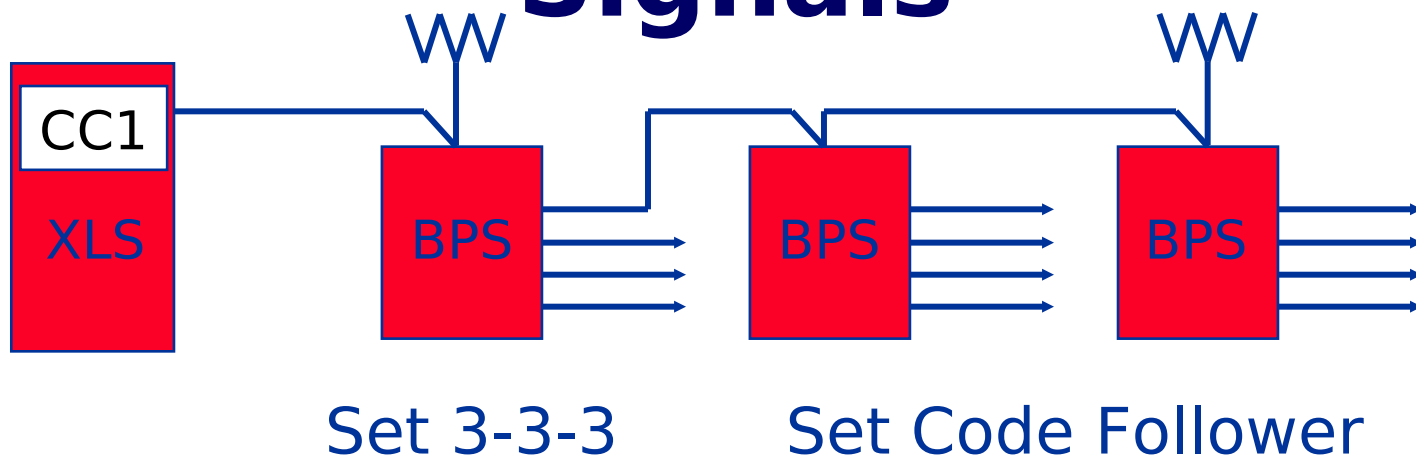
**Or fused ckt to Chgr
terminals**

Application: CC1 Multi-Control



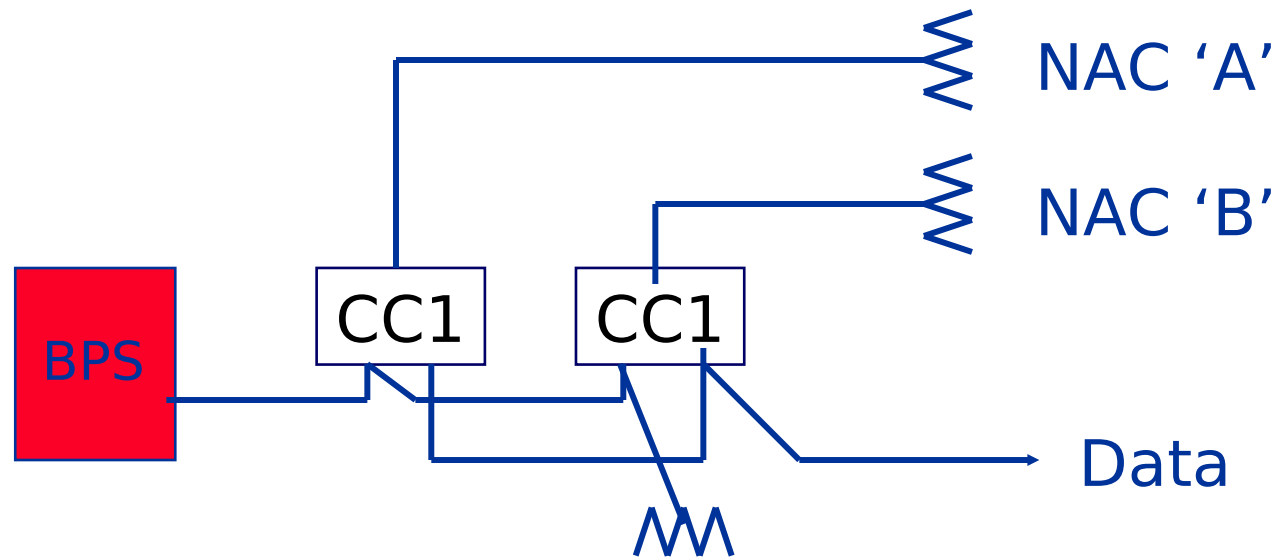
No Single Point of Failure

Application: Synchronized Temporal Audible Signals



**Use with older non-temporal
devices**

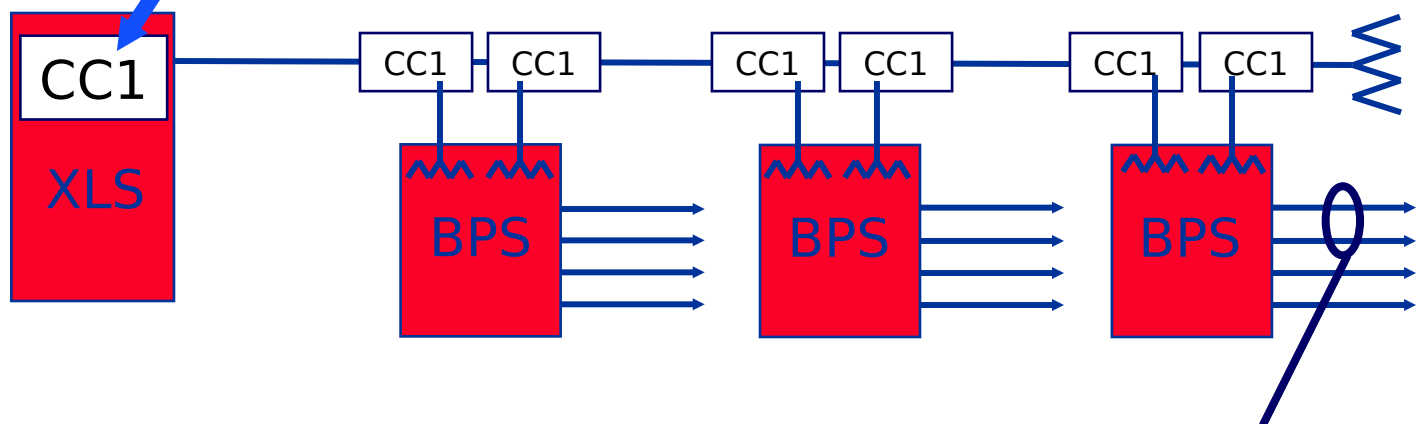
Application: Circuit Splitting



**When: To Cut wire
Runs**

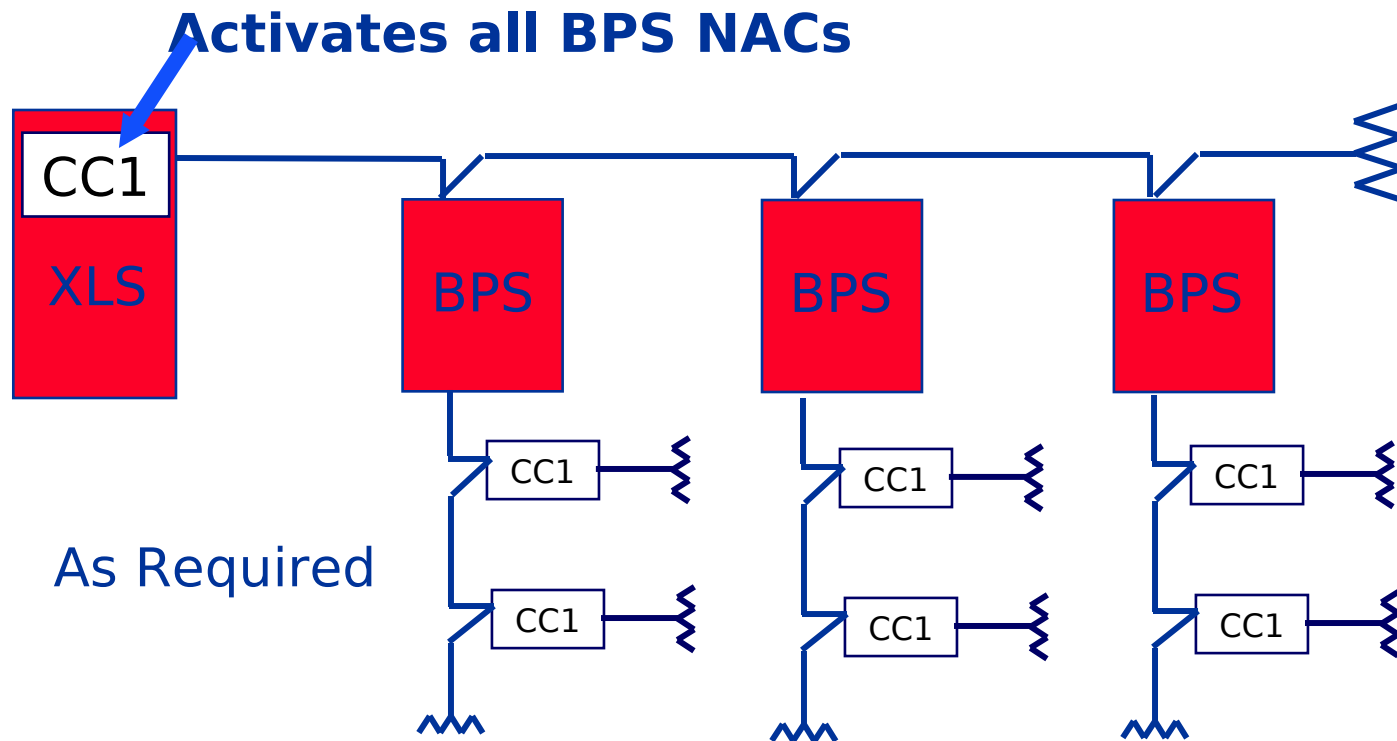
Application: Floor Programming

Provides a supervised riser input to all CC1s



Typically Sense Input 1 programmed to NACs 1 & 2

Application: Floor Programming





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Thank You!

